**CSE 310 – Applied Programming**

**Module Plan**

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| **Name:** | Trevor Gibb |
| **Date:** | 2/8/2022 |
| **Teacher:** | Chad Macbeth |
| **Module # (1-5):** | 3 |

1. Identify which module you have selected to work on. Place an “X” under the “Selected Module” column.

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| --- | --- |
| **Modules** | **Selected Module** |
| Cloud Databases |  |
| Data Analysis | X |
| Game Platform |  |
| GIS Mapping |  |
| Mobile App |  |
| Networking |  |
| SQL Relational Databases |  |
| Web Apps |  |
| Language – C++ |  |
| Language – Java |  |
| Language – Kotlin |  |
| Language – Python |  |
| Language – Rust |  |
| Choose Your Own Adventure |  |

1. At a high level, describe the software you plan to create that will fulfill the requirements of this module.

* I want to find data about how often males and females experience strong feelings, so that I Ican do a study on human nature, and the male and female nature.
* The software I will create will analyze and make sense of the data which I will co

1. Create a detailed schedule for yourself to complete this module in the two weeks required. Use the table below to help plan out the 16 hours for all activities including planning, research, implementation, testing, and documentation. Include details such as what (task), when (time), where (location), and duration. You should also include time to work on your team project. Remember that you will need to report an accurate summary of hours spent on this individual module and on your team project work.

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|  | **First Week of Sprint** | **Second Week of Sprint** |
| **Monday** | 3 | 3 |
| **Tuesday** | 3 | 3 |
| **Wednesday** | 3 | 3 |
| **Thursday** | 3 | 3 |
| **Friday** | 2 | 2 |
| **Saturday** | 2 | 2 |

1. Identify at least two risks that you feel will make it difficult to succeed on this module. Identify an action plan to overcome each of these risks.

* I think that there may be a learning curve for the language syntax which relates to data analysis.
* I think that there may be challenges associated with correctly analyzing the data according to correct statistical principles. I know statistical principles already, but applying them will be a challenge.